

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-34-27
Relating to Certification of New Motor Vehicles

ALFA ROMEO AUTO S.p.A.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1988 model-year Alfa Romeo Auto S.p.A. emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
JAR3.OV5F6V5	2.5, 3.0 (152, 181.5)	Heated Oxygen Sensor Three-Way Catalyst (Electronic Port Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>
0.41	7.0	0.4

The following are the certification emission values for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.27	2.1	0.2

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s] ..." (Title 13, California Administrative Code, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 5th day of August, 1987.


K. D. Drachand, Chief
Mobile Source Division

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer ALFA ROMEO S.p.A. Engine Family JAR3.0V5F6V5
Evaporative Family E1544 Engine Type V6
Liters (CID) 2.5(152.0) & 3.0 (181.5)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
ECU-Electronic Control Unit
EI-Electronic Ignition
ESAC-Electronic Spark Advance
Control
VA-Vacuum Advance
VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
DBC-Dual Bed Catalyst
EGR-Exhaust Gas Recirculation
EIC-Electronic Injection Control
EM-Engine Modification
OC-Oxidation Catalyst
OS-Oxygen Sensor
HOS-Heated Oxygen Sensor
SPL-Smoke Puff Limiter or
Throttle Delay
TOC-Trap Oxidizer, Continual
TOP-Trap Oxidizer, Periodical
TWC-Three-Way Catalyst
WUOC-Warm-Up Oxidation Catalyst
WUTWC-Warm-Up Three-Way Catalyt

Special Features

CCV-Combustion
Chamber Valve
CFI-Central Fuel
Injection or
Throttle Body
Injection
DID-Diesel
Injection-
Direct
DIP-Diesel
Injection-
Prechamber
EFI-Electronic
Fuel
Injection
IC-Intercooler
or Aftercooler
MFI-Mechanical
Fuel
Injection
OBD-On-Board
Diagnostics
TC-Turbocharger

Fuel System

CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor

VEHICLE MODELS: MILANO 2.5L
MILANO 3.0L

Engine: Front X Mid. Rear
Drive: FWD RWD X 4WD Full Time 4WD Part Time

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEETE.O. # A-34-27Page 2Passenger Cars X Light-Duty Trucks _____ Medium-Duty Vehicles _____ Gas X Diesel _____Manufacturer ALFA ROMEO S.p.A. Engine Family JAR3.0V5F6V5Liter (CID) 2.5 (1520) & 3.0 (181.5) Eng. Type V6Emission Control Sys. (Special Features) ESAC, HOS, TWC, EI (EFI)

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catalyst Part No.
6138L1	Milano 2.5L (8.1)	M5	3250	0227.921.001 (Ign. Elect. Unit)	028.001.132 (Fuel Inj. Cont. Unit)	NONE	OM724MLKV
		A3			0280.202.010 (Air Flow Meter)		
6124L2	Milano 3.0L (8.3)	M5					

Comments: See page one for abbreviations and evaporative emission family identification.
Please refer to manufacturer's HP list for correct dyno test HP settings based on model and
equivalent. If two test weights are listed, the lower weight will be used for testing.

Date of Issue _____ Revisions: _____